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## **ABSTRACT**

The present invention pertains, at least in part, to novel 9- substituted minocycline compounds. These minocycline compounds can be used to treat numerous tetracycline compound-responsive states, such as bacterial infections and neoplasms, as well as other known applications for minocycline and minocycline compounds in general, such as blocking tetracycline efflux and modulation of gene expression.